Page 1

a

Thu Aug

100

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Sequence Name
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Init. Opt.
Length Score Score Sig. Frame
                                                                                                    Aug 101 10:06:27-PDT
                                                                                                                                                                                             Results of the initial comparison of US-09-125-005-6 (1-636) with: File : PCTUS9914057.pep
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Standard Deviation 101.82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    565
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   495
                                                                                                 on Thu
                                                                                                                                       Ouery sequence being compared:US-09-125-005-6 (1-636)
Number of sequences searched:
Number of scores above cutoff:
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calculated based on initial score.
                                                                                                   sdavid
                                                   FastDB''- Fast Pairwise Comparison of Sequences
Release 5.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEARCH STATISTICS
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                                                                                              Results file us-09-125-005-6.res
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00:00:00.00
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> 0 < 0 lo intelliGenetics
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Threshold level of si
Mismatch penalty
Gap penalty
Gap size penalty
Cutoff score
Randomization group
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7

-25

SCORE

Sequence Name

of of

Number o Number o Number o

The

Scores:

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Sequence 1, Application PC/TUS9914057

GENERAL INFORMATION:

BAPLICANT: El-Deiry, Wafik

TILLE OF INVENTION: Compositions and Methods for Inducing Apoptosis in E6-Express-
FILE REPERENCE: Penn K-1204

CURRENT APPLICATION NUMBER: PCT/US99/14057

CURRENT FILING DATE: 1999-06-23

EARLIER APPLICATION NUMBER: 60/090,526

EARLIER FILING DATE: 1998-06-24

NUMBER OF SEQ ID NOS: 3

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 636
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     80 90 100 110 120 130 140 DQMSSRAASASPYTPEHAASVPTHSPXAQPSSTFDTMSPAPVIPSVTDYPGPHHFEVTFQQSSTAKSATWTY
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 0.71
                                                                                                           -0.71
                                                               Opt.
Score
                                                                                                           494
 989
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Mismatches
                                                                                                           492
                                                               Init.
Length Score
   989
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
OGGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Kaghad, M., Bonnet, H., Yang, A., Creancier, L.,
JUTLE: Monoallelecally expressed gene related to p53 at 1
VOLUME: 90

    US-09-125-005-6 (1-636)
    PCT-US99-14057-1 Sequence 1, Application PC/TUS9914057

                                                                                                           499
   636
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Matches = 636
Conservative Substitutions
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1. PCT-US99-14057-1 Sequence 1, Application P
                                                                                                    2. PCT-US99-14057-2 Sequence 2, Application
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DATABASE ACCESSION NUMBER: Genbank Y11416
DATABASE ENTRY DATE: 1997-09-02
                             The list of other best scores is:
                                                                            Description
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100%
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PAGES: 809-819
DATE: 1997-08-22
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Residue Identity
Gaps
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us-09-125-005-6.res

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510 520 530 540 CIEXFTSQGLQSIYHLQNLTIEDLGALKIPEQYRMTIWRGLQDLK
                                                                                                                 290
. 150 160 170 180 190 200 210 SPLLKKLYCQIAKTCPIQIKVSTPPPPGTAIRAMPVYKKAEHVTDVVKRCPNHELGRDFNEGGSAPASHLIR
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Mismatches
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LORORVMEAVHFRVRHTIIIPNRGGPGGGPDEWADFGFDLPDCKARKQPIKEEFTEAEIH
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PCT-US99-14057-2 Sequence 2, Application PC/TUS9914057
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Matches - 494
Conservative Substitutions
                                                                            480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             expressed gene related
                                                                                                                                                                                                                                                                                                                                                                                       Methods
                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Compositions and Methods FILE REFERENCE: Penn K-1824 CURRENT APPLICATION NUMBER: PCT/US99/14057 CURRENT FILING DATE: 1999-06-23 COURENT APPLICATION NUMBER: 60/090,526 EARLIER FILING DATE: 1998-06-24 NUMBER OF SEQ ID NOS: 3 SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JOURNAL: Cell
VOLUME: 90
ISSUE: 4
PAGES: 809-819
DATE: 1997-08-22
DATABASE ACCESSION NUMBER: Genbank Y11416
DATABASE ENTRY DATE: 1997-09-02
                                                                            470
                                                                                                                                                                                                                                                                                                                                               3 2, Application PC/TUS9914057 INFORMATION:
                                                                            460
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ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Kaghad et al.,
TITLE: Monoallelically ex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        492
988
0
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| 100 | 300 | 310 | 320 | 350 | 360 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 
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